

SYSTEM AND METHOD FOR SELECTIVELY BROADCASTING A MULTIDIMENSIONAL DIGITAL FRAME STRUCTURE

ABSTRACT OF THE INVENTION

5 A system and method have been provided for programming
synchronization features of a multidimensional digital frame structure.
Such a frame structure acts as a digital wrapper and includes overhead,
payload, and forward error correction (FEC) sections. Words in the
overhead section are used to selectively synchronize the broadcast frame
10 structure at a plurality of network nodes. The described invention
permits the frame synchronization bytes (FSBs) to be made
programmable, so that the system and method are flexible for changes in
communication protocols, as well for the selective exclusion of nodes. This
flexibility also impacts the number, the location, bandwidth, and the bit
15 error rate (BER) of the located FSBs.

003222T" E6254260